

GO3K120



GALLUNOPTIMAL

Part NO : GO3K120

Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

1-Coax

Cable Construction

Conductor Bare Copper

Solid

Construction 1,02

Stranded Dia. (+/-0.02mm) 1,02

Insulation Layer Gas injection Foam PE

Thickness(mm) 1,790

Insulation Dia. (±0.15mm) 4,60

Insulation Color Nature

Al-Foil-Al Shielded >=120%

Thickness(μ) 20/15/20

Braiding(mm) Aluminium Wire

Construction 0.12±0.008Al×16×8

Braid Coverage(%) 82%

Bonded Al-Pet Shield >=120%

Jacket PVC

Thickness(mm) >=0.80

Dia.(±0.2mm) 6,80

Jacket Color White

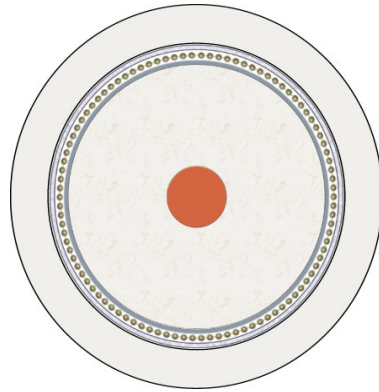
Marking

KTH 98 CE RoHS Class A + 001 m... 81025

PACKAGING

According to customer

Design



Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km) <22.30

Min.Insulation DC Resistance at 20°C (M Ω *Km) >1000

Rated Temperature(°C) 70

Rated Voltage(V) 30

Velocity ratio (%) 82%

Impedance(Ω) 75

Capacitance(pF/m) 52±4

Transfer Impedance (mOhm/m) < 2

Attenuation at 20°C (- dB/100m) (+/-10%)

50 MHz	4,20
100 MHz	5,70
200 MHz	7,90
300 MHz	9,60
470 MHz	12,30
860 MHz	17,60
1000 MHz	19,40
1350 MHz	22,40
1750 MHz	26,90
2050 MHz	28,50
2250 MHz	29,80
2400 MHz	32,80

SCREENING EFFECTIVENESS (- dB)

50-1000MHz	>100
1000-2400MHz	>95

Return loss (- dB/100m)

5 ---- 1000 MHz	>24
1000 ---- 2000 MHz	>22
2000 ---- 3000 MHz	>20

RoHS GUIDELINE

We operate according to the following standards

Control Item [Ⓢ]	Standard [Ⓢ]	Testing Method [Ⓢ]	Testing Equipment [Ⓢ]
Cadmium content (Cd) [Ⓢ]	<0.01% [Ⓢ]	EN1122 [Ⓢ]	ICP-AES [Ⓢ]
Lead content (Pb) [Ⓢ]	<0.1% [Ⓢ]	EPA3050B [Ⓢ]	ICP-AES [Ⓢ]
Mercury content (Hg) [Ⓢ]	<0.1% [Ⓢ]	EPA3052 [Ⓢ]	ICP-AES [Ⓢ]
Chromium (VI) content [Ⓢ]	<0.1% [Ⓢ]	EPA3060(UN-VIS) [Ⓢ]	ICP-AES [Ⓢ]
Polybrominated Biphenyls(PBB) [Ⓢ]	Forbidden [Ⓢ]	GC/MS [Ⓢ]	
Polybrominated Diphenyl Ether (PBDE) [Ⓢ]	Forbidden [Ⓢ]	GC/MC [Ⓢ]	